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**EXPRESS ABANDONMENT UNDER
37 CFR 1.138**

Send completed form to
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Application Number	10/092523
Filing Date	03/08/2002
First Named Inventor	Frank L. Bruno
Art Unit	1744
Examiner Name	
Attorney Docket Number	

Please check only one of boxes 1 or 2 below:

(If no box is checked, this paper will be treated as a request for express abandonment as of the filing date of this paper.)

1. ☒ **Express Abandonment**

I request that the above-identified application be expressly abandoned as of the filing date of this paper.

2. ☐ **Express Abandonment in Favor of a Continuing Application**

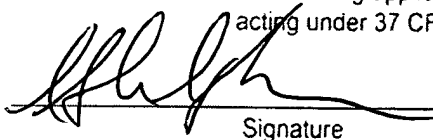
- I request that the above-identified application be expressly abandoned as of the filing date accorded the continuing application filed previously or herewith.

NOTE: A paper requesting express abandonment of an application is not effective unless and until an appropriate USPTO official recognizes and acts on the paper. See the Manual of Patent Examining Procedure (MPEP), section 711.01.

TO AVOID PUBLICATION, PLEASE USE FORM PTO/SB/24A INSTEAD OF THIS FORM.

- I am the:
- ☐ applicant.
 - ☐ assignee of record of the entire interest. See 37 CFR 3.71.
 - ☒ attorney or agent of record. Registration Number 33,083
 - ☐ attorney or agent acting under 37 CFR 1.34(a) (may act under 37 CFR 1.34(a) only if box 2 above, stating that the application is expressly abandoned in favor of a continuing application, is checked). Attorney or agent registration number if acting under 37 CFR 1.34(a).

(Attorney or agent registration number)


Signature

August 20, 2003

Date

Clyde I. Coughenour

Typed or printed name

703-221-8677

Telephone Number

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments in the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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**PETITION FOR EXPRESS
ABANDONMENT TO AVOID
PUBLICATION UNDER 37 CFR 1.138(c)**

Fax the petition directly to the
Pre-Grant Publication Division at (703) 305-8568
Or Mail the petition to:
Mail Stop PGPub-ABD
Commissioner for Patents
P.O. Box 1450, Alexandria, VA 22313-1450

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Petition for Express Abandonment to Avoid Publication under 37 CFR 1.138(c)

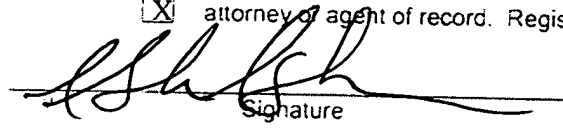
I hereby petition to expressly abandon the above-identified application to avoid publication.

Petition Fee – must be filed with petition to avoid delays in recognizing the petition.

- a. ☒ The Director is hereby authorized to charge the petition fee under 37 CFR 1.17(h) to
Deposit Account No. 03-3382
- b. ☐ Check in the amount of \$_____ is enclosed.
- c. ☐ Payment by credit card (Form PTO-2038 is enclosed).

NOTE: A paper requesting express abandonment of an application is not effective unless and until an appropriate USPTO official recognizes and acts on the paper. See the Manual of Patent Examining Procedure (MPEP), section 711.01. In addition, the paper will not stop publication of the application unless a petition under 37 CFR 1.138(c) is recognized and acted on by the Pre-Grant Publication Division in sufficient time to avoid publication (e.g., more than four (4) weeks prior to the projected publication date).

- I am the: ☐ applicant.
- ☐ assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)
- ☒ attorney or agent of record. Registration Number 33,083


Signature

Clyde I. Coughenour
Typed or printed name

August 20, 2003
Date

703-221-8677
Telephone Number

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.138(c). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments in the interest of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: MailStop PGPub-ABD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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